

# PEDIATRIC GRAND ROUNDS

A Continuing Medical  
Education Program



THE DEPARTMENT OF PEDIATRICS  
UNIVERSITY OF CALIFORNIA, SAN DIEGO

And



September 20, 2019 – June 26, 2020  
Fridays – 8:30 a.m.

Education & Office Building (EOB) 1900  
7960 Birmingham Way  
San Diego, CA 92123

University of California, San Diego  
Department of Pediatrics  
Rady Children's Hospital - San Diego  
3020 Children's Way, MC5109  
San Diego, CA 92123

Pediatric Grand Rounds  
September 20, 2019 – June 26, 2020

Links and information for ZOOM and CME Credit  
<https://www.rchsd.org/continuing-medical-education-cme/pediatric-grand-rounds/>

## Gabriel G. Haddad, M.D.

Chairman, Department of Pediatrics  
University of California, San Diego  
Physician-in-Chief, Chief Scientific Officer  
Rady Children's Hospital – San Diego  
**Grand Rounds Organizing Committee**  
Hal Hoffman, MD • Elizabeth Ingulli, MD  
Jeannie Huang, MD • Jodi Bengel

These lectures will offer the generalist and specialist pediatrician current information in the field of Pediatrics about the pathogenesis, diagnosis and treatment of children's diseases.

### Objectives: (ACGME competencies)

- Provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health
- Demonstrate application of scientific methodology to clinical situations
- Know and apply the basic sciences which are appropriate to your discipline
- Demonstrate effective communication skills with patients, families and professional associates

### Accreditation and Disclosure

The University of California, San Diego School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of California, San Diego School of Medicine designates this live activity for a maximum of **1.0 AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Cultural Competency

This activity is in compliance with California Assembly Bill 1195 which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. Cultural competency is defined as a set of integrated attitudes, knowledge, and skills that enables health care professionals or organizations to care effectively for patients from diverse cultures, groups and communities. Linguistic competency is defined as the ability of a physician or surgeon to provide patients who do not speak English or who have limited ability to speak English, direct communication in the patient's primary language. Cultural and linguistic competency was incorporated into the planning of this activity. Additional resources on cultural and linguistic competency and information about AB1195 can be found on the UCSD CME website at <http://cme.ucsd.edu>.

### Faculty Disclosure

It is the policy of the University of California, San Diego School of Medicine to ensure balance, independence, objectivity and scientific rigor. All Persons involved in the selection, development and presentation of content are required to disclose any real or apparent conflicts of interest. All conflicts of interest will be resolved prior to an educational activity being delivered to learners through one of the following mechanisms: 1) altering the financial relations with the commercial interest, 2) altering the individual's control over CME content about the products or services of the commercial interest, and/or 3) validating the activity content through independent peer review. All persons are also required to disclose any discussion of off-label/unapproved uses of drugs or devices. Persons who refuse or fail to disclose will be disqualified from participating in the CME activity.

### SEPTEMBER 20, 2019

**RAE S M YEUNG, MD, PHD, FRCPC**

*Professor of Paediatrics, Immunology & Medical Science  
Hak-Ming and Deborah Chiu Chair in Paediatric Translational  
Research  
University of Toronto*

*Senior Scientist and Staff Rheumatologist*

*The Hospital for Sick Children*

**Fostering Excellence in Scholarly Clinical Care for Children with Rheumatic Disease**

### SEPTEMBER 27, 2019

**RAIMOND L. WINSLOW, MD**

*The Raj and Neera Singh Professor, Biomedical Engineering  
Director, Institute for Computational Medicine*

*Director, BME-MSE Program*

*Vice Chair of Academic Programs, BME*

*Johns Hopkins University*

**Predictors of Sepsis Progression**

### OCTOBER 4, 2019

**JONG RHO, MD**

*Professor of Neurosciences, Pediatrics and Pharmacology*

*Chief, Division of Pediatric Neurology*

*University of California San Diego*

*Rady Children's Hospital-San Diego*

**Cannabinoids and Epilepsy: Promise and Peril**

### OCTOBER 11, 2019

**ROBERT E. SHADDY, MD**

*Professor and Chair, Department of Pediatrics*

*Keck School of Medicine of USC*

*Pasadena Guild Chair*

*Senior Vice President of Academic Affairs*

*Pediatrician-in-Chief, Children's Hospital Los Angeles*

**How to Mend a Broken Heart:**

**Progress in Pediatric Heart Failure**

### OCTOBER 18, 2019

**GEORGE SAKOULAS, MD**

*Associate Adjunct Professor of Pediatrics*

*Division of Host-Microbe Systems & Therapeutics*

*University of California San Diego*

**MRSA Therapy:**

**Reducing Casualties in Our Never-Ending Battle**

### OCTOBER 25, 2019

**SEEMA ACEVES, MD, PHD**

*Associate Professor of Pediatrics*

*Division of Allergy, Immunology & Rheumatology*

*University of California, San Diego*

*Rady Children's Hospital-San Diego*

**Eosinophilic Esophagitis:**

**A Diagnosis that is Hard to Swallow**

### NOVEMBER 1, 2019

**PIA PANNARAJ, MD, MPH**

*Associate Professor of Clinical Pediatrics*

*Division of Infectious Diseases*

*Keck School of Medicine of USC*

*Children's Hospital Los Angeles*

**Vaccine Efficacy in Developed and Undeveloped Countries**

**NOVEMBER 8, 2019**

**KELAN TANTISIRA, MD, MPH**

*Associate Professor of Medicine  
Division of Pulmonary and Critical Care  
Harvard Medical School  
Brigham and Women's Hospital*

**Asthma Pharmacogenomics: From SNPs to Systems**

**NOVEMBER 15, 2019**

**MARK DEL MONTE, JD**

*CEO/Executive Vice President (Interim)  
American Academy of Pediatrics*

**Advocacy and the Pediatrician:  
Optimal Health for All Children**

**NOVEMBER 22, 2019**

**REBECCA MARSH, MD**

*Associate Professor of Pediatrics  
Division of Hematology-Oncology  
University of Cincinnati  
Clinical Director, Primary Immune Deficiency Program  
Co-Director, Diagnostic Immunology Laboratories  
Cincinnati Children's Hospital*

**Resetting the Immune System with Stem Cells in Primary  
Immune Disorders**

**NOVEMBER 29, 2019 – THANKSGIVING BREAK**

**DECEMBER 6, 2019**

**JOHN JEFFREY REESE, MD**

*Professor of Pediatrics, Cell and Developmental Biology  
Mildred T. Stahlman Chair in Perinatal Research  
Division of Neonatology  
Vanderbilt University  
Monroe Carell, Jr. Children's Hospital at Vanderbilt*  
**Predicting and Preventing Premature Birth**

**DECEMBER 13, 2019 – WINTER BREAK**

**DECEMBER 20, 2019 – WINTER BREAK**

**DECEMBER 27, 2019 - WINTER BREAK**

**JANUARY 3, 2020**

**JOHN B. WELSH LECTURE IN BEHAVIORAL PEDIATRICS**

**JENNY RADESKY, MD**

*Assistant Professor of Pediatrics  
Division of Developmental Behavioral Pediatrics  
University of Michigan  
C.S. Mott Children's Hospital*

**Digital Media and Early Childhood:**

**The Good, The Bad, and The Unknown**

**JANUARY 10, 2020**

**ISAAC CHIU, PHD**

*Assistant Professor  
Department of Microbiology and Immunobiology  
Harvard Medical School*

**Pain and Neuro-immune Interactions in Bacterial Infection**

**JANUARY 17, 2020**

**ROBERT HEUCKEROOTH, MD, PHD**

*Professor of Pediatrics, Cell and Developmental Biology  
Perelman School of Medicine at the University of Pennsylvania  
Irma and Norman Braman Endowed Chair for Research for GI Motility  
Research Director, Suzi and Scott Lustgarten Center for GI Motility  
The Children's Hospital of Philadelphia Research Institute*  
**Making Sense of Bowel Motility: A Moveable Feast**

**JANUARY 24, 2020**

**CHRIS FEUDTNER, MD, PHD, MPH**

*Professor of Pediatrics, Medical Ethics & Health Policy  
Steven D. Handler Endowed Chair in Medical Ethics  
University of Pennsylvania  
Director, Department of Medical Ethics  
Children's Hospital of Philadelphia*

**Creating SPACE when Confronting Pediatric Serious Illness:  
Collaborative Guidance for Families and Clinicians**

**JANUARY 31, 2020**

**SHANKAR SUBRAMANIAM, PHD**

*Distinguished Professor of Bioengineering, Computer Science &  
Engineering, Cellular & Molecular Medicine, Chemistry & Biochemistry  
and Nanoengineering  
University of California, San Diego*

**The Brain: the Geriatric-Pediatric Connection**

**FEBRUARY 7, 2020**

**KAY RHEE, MD**

*Associate Professor of Pediatrics  
Division of Academic General Pediatrics, Child Development &  
Community Health  
Vice Chair for Equity, Diversity & Inclusion  
Medical Director, Medical Behavioral Unit  
Director of Research, Division of Hospital Medicine  
University of California, San Diego  
Rady Children's Hospital-San Diego*  
**Diversity, Equity & Inclusion in Academic Pediatrics**

**FEBRUARY 14, 2020**

**JOHN LAMBRIS, PHD**

*Dr. Ralph and Sallie Weaver Professor of Research Medicine  
Department of Pathology & Laboratory Medicine  
University of Pennsylvania*

**Innate Immunity:**

**More than a Guard Against Invading Pathogens**

**FEBRUARY 21, 2020**

**THE 20<sup>TH</sup> ANNUAL LENOIR/HAMBURGER LECTURE**

**LISA CHAMBERLAIN, MD, MPH**

*Assistant Professor of Pediatrics  
Division of General Pediatrics  
Stanford University School of Medicine  
Lucile Packard Children's Hospital*

**Pediatricians & Child Poverty:**

**Harnessing Innovation to Reduce Disparities**

**FEBRUARY 28, 2020**

**ROBERT ANDERSON, MB, CHB, MD**

*Visiting Professorial Fellow  
Institute of Genetic Medicine  
Newcastle University*

**Unravelling the Mysteries of So-Called Heterotaxy**

**MARCH 6, 2020**

**AMIRA KLIP, PHD**

*Senior Scientist, Cell Biology Program  
The Hospital for Sick Children  
Professor of Paediatrics, Biochemistry and Physiology  
University of Toronto*

**Immune Cell Involvement in Obesity-Induced Insulin  
Resistance**

**MARCH 13, 2020**

**MARTINA BRUECKNER, MD**

*Professor of Pediatrics & Genetics  
Division of Cardiology  
Yale School of Medicine  
Children's Hospital at Yale-New Haven*

**Congenital Heart Disease:  
From Genetics to Clinical Medicine**

**MARCH 20, 2020**

**BENJAMIN FREDMAN, PHD**

*Assistant Professor of Medicine  
Division of Nephrology  
Member, Kidney Research Institute  
Member, Institute for Stem Cell and Regenerative Medicine  
University of Washington*

**Human Nephrogenesis in a Dish: Using Organoids to Inform  
Pediatric Medicine**

**MARCH 27, 2020 – CESAR CHAVEZ DAY**

**APRIL 3, 2020**

**JENNIFER HUANG, MD**

*Associate Professor of Dermatology  
Harvard Medical School  
Staff Physician, Dermatology Program  
Boston Children's Hospital*  
**Cutaneous Complications of Cancer Therapy**

**APRIL 10, 2020**

**TODD GOLUB, MD**

*Professor of Pediatrics, Harvard Medical School  
Chief Scientific Officer and Director, Cancer Program, Broad Institute  
Charles A. Dana Investigator, Dana-Farber Cancer Institute  
Investigator, Howard Hughes Medical Institute*  
**Perspectives on Cancer Precision Medicine**

**APRIL 17, 2020**

**FREDERICK SUCHY, MD, FAASLD**

*Professor of Pediatrics  
Associate Dean for Child Health Research  
Senior Research Strategist  
University of Colorado  
Children's Hospital Colorado*

**Liver Disease in Infants: Advances in the Age of Genomics**

**APRIL 24, 2020**

**RICHARD LIEBER, PHD**

*Professor and Chief Scientific Officer  
Shirley Ryan AbilityLab and  
Departments of Physical Medicine & Rehabilitation and Biomedical  
Engineering  
Northwestern University*

**Intraoperative and Laboratory Studies of Human Skeletal  
Muscle Contractures**

**MAY 1, 2020**

**11<sup>TH</sup> ANNUAL PEDIATRIC FACULTY RESEARCH SYMPOSIUM**

**MAY 8, 2020**

**MICHAEL BAMSHAD, MD**

*Professor of Pediatrics  
Allan and Phyllis Treuer Endowed Chair in Genetics and Development  
Chief, Division of Genetic Medicine  
University of Washington  
Seattle Children's Hospital*

**Mendelian Gene Discovery:  
Fast and Furious with No End in Sight**

**MAY 15, 2020**

**JOSEPH CARCILLO, MD**

*Associate Professor of Pediatrics and Critical Care Medicine  
University of Pittsburgh  
Children's Hospital of Pittsburgh*

**I Got the Fever:**

**Is it Hyperferritinemic Sepsis, MAS, or primary HLH?**

**MAY 22, 2020**

**JING YANG, PHD**

*Professor of Pharmacology and Pediatrics  
Division of Hematology-Oncology  
University of California, San Diego*  
**Mechanisms in Tumor Metastasis**

**MAY 29, 2020**

**LEANNE WARD, MD, FRCPC**

*Research Chair in Pediatric Bone Health  
Pediatric Endocrinologist and Professor of Pediatrics  
University of Ottawa  
Children's Hospital of Eastern Ontario*  
**Breaking News on Childhood Osteoporosis**

**JUNE 5, 2020**

**JUAN CARLOS IZPISUA BELMONTE, PHD**

*Professor, Gene Expression Laboratory  
Roger Guillemin Chair  
Salk Institute for Biological Studies*  
**Epigenetic Therapies for Human Diseases**

**JUNE 12, 2020**

**CHIEF RESIDENT**

*Chief Resident  
Department of Pediatrics  
Rady Children's Hospital, University of California, San Diego*

**JUNE 19, 2020**

**CHIEF RESIDENT**

*Chief Resident  
Department of Pediatrics  
Rady Children's Hospital, University of California, San Diego*

**JUNE 26, 2020**

**CHIEF RESIDENT**

*Chief Resident  
Department of Pediatrics  
Rady Children's Hospital, University of California, San Diego*